



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/787,097 Confirmation no.:
First Named Inventor : Xin Jin
TC/A.U. :
Examiner :
Filed : February 27, 2004

Docket No. : 93422-8
Customer No. : 22463

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO MAKE SPECIAL UNDER 37 C.F.R. 1.102

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.102, the Applicant petitions the Commissioner to advance the examination of the above-referenced application. It is submitted that the claims of above-referenced application are directed to a single invention. A pre-examination search has been made of a corresponding application in the European Patent Office. The claims of the corresponding application are of the same scope as the claims in the above-referenced US patent application. The pre-examination search resulted in a search report, which cites four references and is submitted herewith along with a copy of each of the references. A detailed discussion of the references follows.

In US patent no. 6,178,313 to Mages, et al. (hereinafter "Mages"), gain of a power amplifier in a mobile station is controlled by controlling a bias current for the power amplifier. Gain control signals, specifying a required gain, are received from a base station and used to determine a first adjustment value (a bias current) that is expected to result in the required gain. However, Mages does not disclose or suggest producing a second adjustment value or producing a correction value based on a difference between the first adjustment value and the second adjustment value.

In International Publication no. WO 02/060088, a power control loop is employed to adjust gain of a power amplifier. The gain of the power amplifier is controlled

based on a first adjustment value. The first adjustment value is based on a difference between a signal representative of an instantaneous level of power in the output of the power amplifier and a signal representative of an instantaneous level of power in a reference signal. However, International Publication no. WO 02/060088 does not disclose or suggest producing a second adjustment value based on the same desired average transmitted power on which the first adjustment value is based. Furthermore, WO 02/060088 does not disclose or suggest producing a correction value based on a difference between the first adjustment value and the second adjustment value.

In US patent no. 6,535,066 to Petsko (hereinafter "Petsko"), a peak detector measures the peak of a symbol to be transmitted. A selection means generates a first adjustment value (a control signal) that is to be used to control the bias provided to a power amplifier. Petsko does not disclose or suggest producing a second adjustment value or producing a correction value based on a difference between the first adjustment value and the second adjustment value.

In International Publication no. WO 02/33844, a power controller for a radio circuit takes into account statistical variation of output power in a signal having a non-constant envelope. In particular, a mean power in the signal to be transmitted is compared to a reference power and the difference is added to a requested power level to generate a sum. The sum, thus generated, is used as a reference value from which is subtracted a value proportional to the power in a signal output from the radio circuit. The difference is used to form a first adjustment value (a control signal). International Publication no. WO 02/33844 does not disclose or suggest producing a parameter signal based on a correction signal and the first adjustment signal, where the correction signal is produced based on a difference between the first adjustment signal and a second adjustment signal.

Applicant respectfully requests that a timely Notice of Allowance be issued in the case.

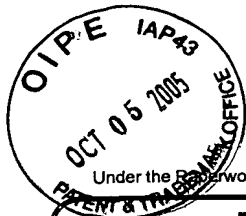
Respectfully submitted,



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October 4, 2005
CCC
93422-8



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PETITION FEE
Under 37 CFR 1.17(f), (g) & (h)
TRANSMITTAL
(Fees are subject to annual revision)

Send completed form to: Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/787,097
Filing Date	February 27, 2004
First Named Inventor	XIN, Jin
Art Unit	2631
Examiner Name	
Attorney Docket Number	93422-8

Enclosed is a petition filed under 37 CFR 1.102 that requires a processing fee (37 CFR 1.17(f), (g), or (h)). Payment of \$ 130.00 is enclosed.

This form should be included with the above-mentioned petition and faxed or mailed to the Office using the appropriate Mail Stop (e.g., Mail Stop Petition), if applicable. For transmittal of processing fees under 37 CFR 1.17(i), see form PTO/SB/17i.

Payment of Fees (small entity amounts are NOT available for the petition fees)

- ☒ The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 19-2548:
- ☒ petition fee under 37 CFR 1.17(f), (g) or (h) ☒ any deficiency of fees and credit of any overpayments
- Enclose a duplicative copy of this form for fee processing.
- ☐ Check in the amount of \$ _____ is enclosed.
- ☐ Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

Petition Fees under 37 CFR 1.17(f): Fee \$400 Fee Code 1462

For petitions filed under:

- § 1.53(e) - to accord a filing date.
- § 1.57(a) - to accord a filing date.
- § 1.182 - for decision on a question not specifically provided for.
- § 1.183 - to suspend the rules.
- § 1.378(e) - for reconsideration of decision on petition refusing to accept delayed payment of maintenance fee in an expired patent.
- § 1.741(b) - to accord a filing date to an application under § 1.740 for extension of a patent term.

Petition Fees under 37 CFR 1.17(g): Fee \$200 Fee Code 1463

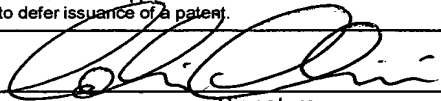
For petitions filed under:

- § 1.12 - for access to an assignment record.
- § 1.14 - for access to an application.
- § 1.47 - for filing by other than all the inventors or a person not the inventor.
- § 1.59 - for expungement of information.
- § 1.103(a) - to suspend action in an application.
- § 1.136(b) - for review of a request for extension of time when the provisions of section 1.136(a) are not available.
- § 1.295 - for review of refusal to publish a statutory invention registration.
- § 1.296 - to withdraw a request for publication of a statutory invention registration filed on or after the date the notice of intent to publish issued.
- § 1.377 - for review of decision refusing to accept and record payment of a maintenance fee filed prior to expiration of a patent.
- § 1.550(c) - for patent owner requests for extension of time in *ex parte* reexamination proceedings.
- § 1.956 - for patent owner requests for extension of time in *inter partes* reexamination proceedings.
- § 5.12 - for expedited handling of a foreign filing license.
- § 5.15 - for changing the scope of a license.
- § 5.25 - for retroactive license.

Petition Fees under 37 CFR 1.17(h): Fee \$130 Fee Code 1464

For petitions filed under:

- § 1.19(g) - to request documents in a form other than that provided in this part.
- § 1.84 - for accepting color drawings or photographs.
- § 1.91 - for entry of a model or exhibit.
- § 1.102(d) - to make an application special.
- § 1.138(c) - to expressly abandon an application to avoid publication.
- § 1.313 - to withdraw an application from issue.
- § 1.314 - to defer issuance of a patent.


Signature

Colin C. Climie

Typed or printed name

OCT 4/05
Date

56,036

Registration No., if applicable

This collection of information is required by 37 CFR 1.17. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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